Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FOR	M APPROVED
OMB	NO. 1004-0137
Expires:	November 30, 200

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG									5	5. Lease Serial No.							
1a. Type of Well Oil Well Gas Well Dry Other b. Type of Completion: Wew Well Work Over Deepen Plug Back Diff. Resvr,.										6	6. If Indian, Allottee or Tribe Name						
Other											7	7. Unit or CA Agreement Name and No.					
2. Nam	e of Operato	or											8	. Lease	Name and	d Well No.	
3. Addı	3. Address 3a. Phone No. (include area code)											9	9. API Well No.				
4. Loca	tion of Well	(Report	ocation	clearly a	nd in ac	cordance wi	th Federal i	 requirements	s)*				10	Field	and Dool	or Explorate	AP\$7
At sı	ırface												10	. Field	aliu Fooi,	or Explorate	лу
At top prod. interval reported below											11		T., R., M., ey or Area	on Block ar	nd		
At to	stal denth												12	. Coun	ity or Paris	h 13. S	tate
At total depth 14. Date Spudded 15. Date T.D. Reached 16. Date Completed D & A D Ready to Prod.											17	. Eleva	ations (DF,	, RKB, RT,	GL)*		
					Г				<u> </u>								
18. Tota		ID VD			19. P	lug Back T.I	D.: MD TVD			20.	Depth	n Bridge	Plug Set	Plug Set: MD TVD			
21. Type	Electric & 0	Other Me	chanical	Logs Ru	n (Subm	nit copy of ea	ch)			22.	Was	DST ru	n? 🗖	No 🗖	Yes (Sub	bmit analys omit report) (Submit co	
23. Casi	ng and Liner	Record (Report a	all string:	s set in w	vell)					. 1						
Hole Siz	Hole Size Size/Grade Wt. (#/		t. (#/ft.)	Тор	(MD)	Bottom (MD) Stag		e Cementer No. Type				Slurry Vol. (BBL)		Cement Top*		Amount Pulled	
24. Tubi	ng Record	I				I	ı		I								
Size	Depth	Set (MD) Pack	er Depth	(MD)	Size	Dept	h Set (MD)	Packer	Dept	h (MD)		Size	Dept	h Set (MD)) Packer	Depth (MD)
25. Prod	ucing Interva				'	D	26.	Perforation		i		~.				D 0.0	
A)	Formatio	n		Тор		Bottom		Perforated 1		Size		No. Holes			Perf. Status	3	
B)																	
C)																	
D)																	
27. Acid	Fracture, T Depth Inter		Cement	Squeeze	e, Etc.			Δ	mount a	nd Ty	zne of N	Material					
	Depth inter	vai							inount a	ilid 1	ype or r	viateriai					
28. Prod	uction - Inte	rval A															
Date First Produced	Test Date	Hours Tested	Test Produc	ction Oi	il BL	Gas MCF	Water BBL	Oil Grav Corr. AF		Gas Gravity Produc		roduction N	Method				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	B	il BL	Gas MCF	Water BBL	Gas : Oi Ratio	1	V	Well Status						
28a Prod	SI uction - Inte	rval R		>													
Date First Produced	Test Date	Hours Tested	Test Produc	ction Bl	il BL	Gas MCF	Water BBL	Oil Grav Corr. AF			ias iravity	Pi	roduction N	Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate		il BL	Gas MCF	Water BBL	Gas : Oi Ratio	1	V	Vell Statu	18					

28b.Produc		val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status				
28c. Produc		val D		1				1				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status				
29. Dispos		s (Sold, use	ed for fuel, v	ented, etc.)		_	1					
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.								31. Formation (Log) Markers				
Forma	ition	Тор	Bottom		Descri	otions, Conten	its etc		Name	Тор		
	ition	тор	Dottom		Descri	ouons, conten			Tunic	Meas. Depth		
32. Additional remarks (include plugging procedure):												
33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 34.I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*												
Name (please prin	t)					Title					
	Signature Date											

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 23: Show how reported top(s) of cement were determined, i.e., circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 60 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, Bureau Clearance Officer, (WO-630), MS 401 LS, 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Interior Desk Officer (1004-0137), Washington, D.C. 20503.